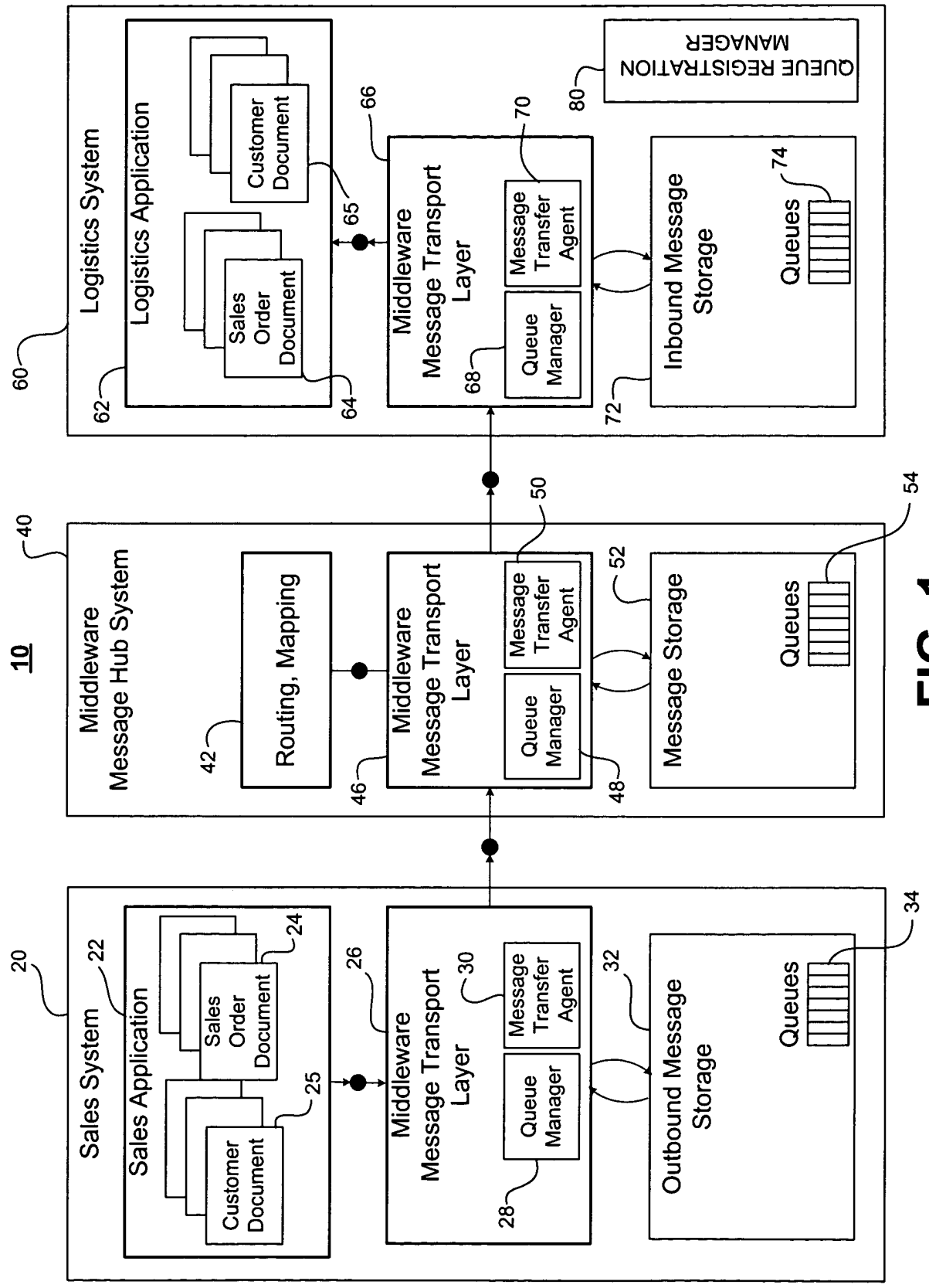

10
Sales System
20
Sales Application
22
Sales Order Document
24
Customer Document
25
Middleware Message Transport Layer
26
Message Transfer Agent
30
Queue Manager
28
Outbound Message Storage
32
Queues
34
Middleware Message Hub System
40
Routing, Mapping
42
Middleware Message Transport Layer
46
Message Transfer Agent
50
Queue Manager
48
Message Storage
52
Queues
54
Logistics System
60
Logistics Application
62
Sales Order Document
64
Customer Document
65
Middleware Message Transport Layer
66
Message Transfer Agent
70
Queue Manager
68
Inbound Message Storage
72
Queues
74
QUEUE REGISTRATION MANAGER
80

FIG. 1

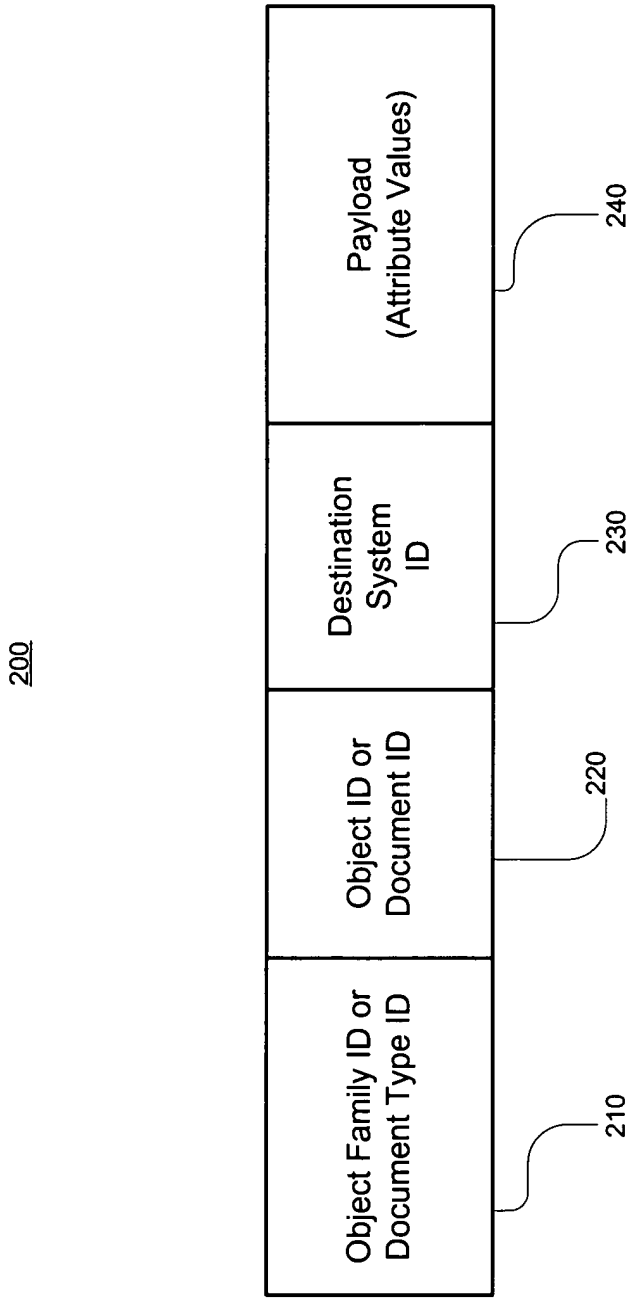

200
Object Family ID or Document Type ID
210
Object ID or Document ID
220
Destination System ID
230
Payload (Attribute Values)
240

FIG. 2

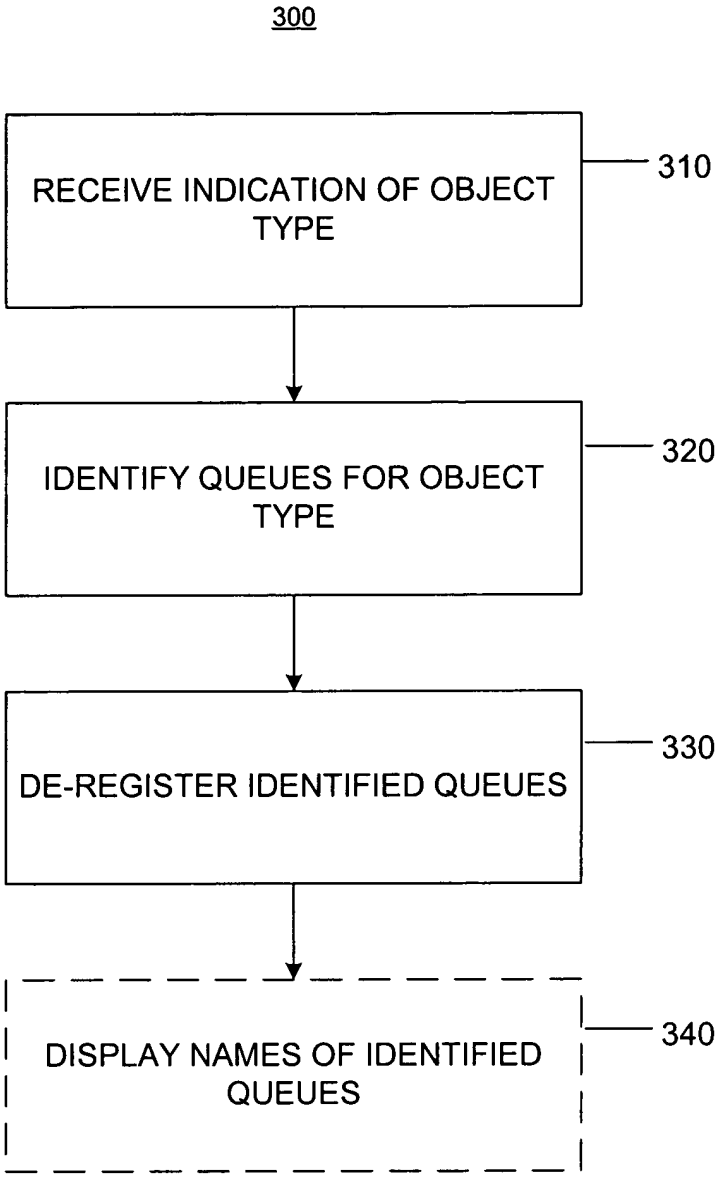

300
RECEIVE INDICATION OF OBJECT TYPE
310
IDENTIFY QUEUES FOR OBJECT TYPE
320
DE-REGISTER IDENTIFIED QUEUES
330
DISPLAY NAMES OF IDENTIFIED QUEUES
340

FIG. 3A

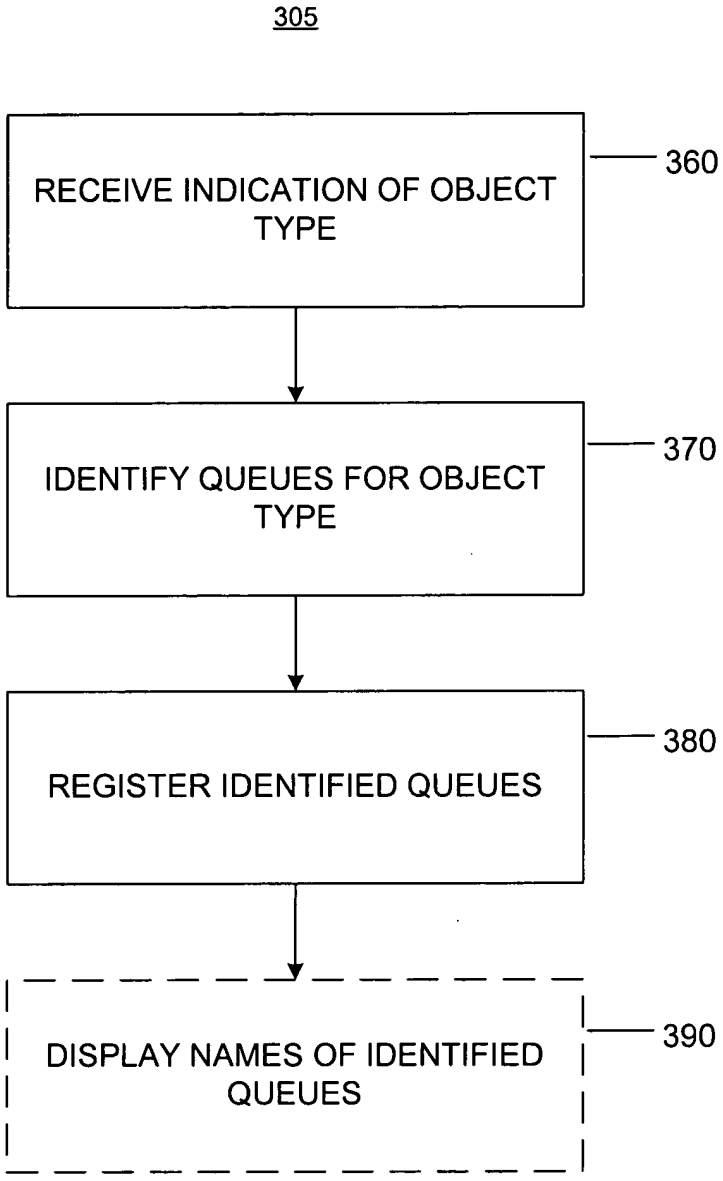
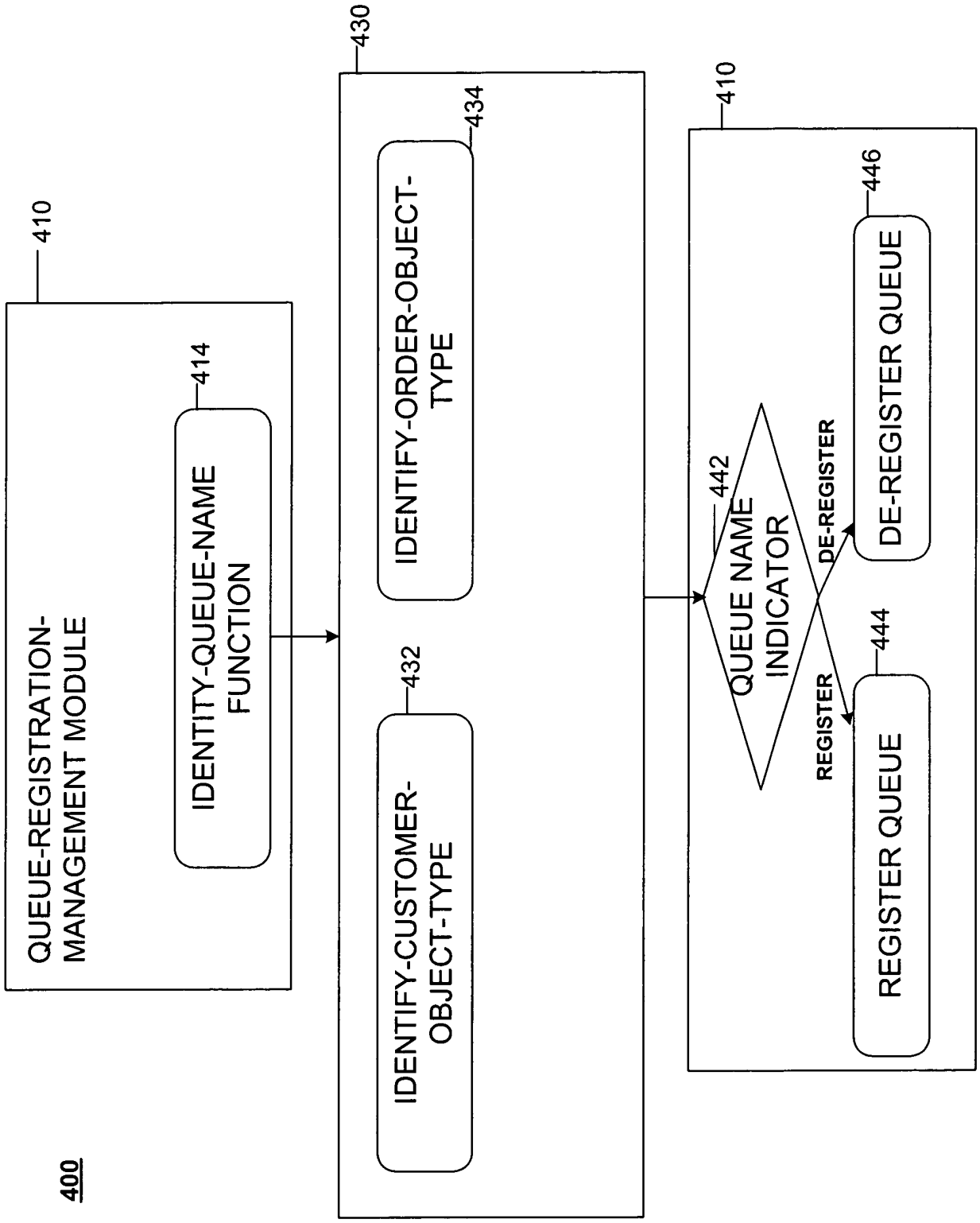

305
RECEIVE INDICATION OF OBJECT TYPE
360
IDENTIFY QUEUES FOR OBJECT TYPE
370
REGISTER IDENTIFIED QUEUES
380
DISPLAY NAMES OF IDENTIFIED QUEUES
390

FIG. 3B


400
410
QUEUE-REGISTRATION-MANAGEMENT MODULE
414
IDENTITY-QUEUE-NAME FUNCTION
430
IDENTIFY-ORDER-OBJECT-TYPE
434
IDENTIFY-CUSTOMER-OBJECT-TYPE
432
410
442
QUEUE NAME INDICATOR
DE-REGISTER
REGISTER
446
DE-REGISTER QUEUE
444
REGISTER QUEUE